

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-14 (Canceled).

Claim 15 (New): An agricultural machine comprising:

a body resting at least partially on the ground, the body configured to be hitched to a tractor vehicle by at least one articulation defining:

a first pivoting axis directed upward,

a second substantially horizontal pivoting axis directed in a direction of travel of the agricultural machine, and

a third substantially horizontal pivoting axis directed transversely to the direction of travel;

an adapter configured to be rigidly connected to a drawbar of the tractor vehicle;

a support spindle; and

at least one jaw comprising an opening widening out in a substantially vertical direction, wherein during hitching the support spindle is configured to engage in the at least one jaw.

Claim 16 (New): An agricultural machine as claimed in claim 15, further comprising a primary hitch bar connected to the body and a secondary hitch bar connected to the primary hitch bar.

Claim 17 (New): An agricultural machine as claimed in claim 16, wherein the secondary hitch bar is connected in a pivoting manner to the primary hitch bar by an articulation defining the first pivoting axis directed upward.

Claim 18 (New): An agricultural machine as claimed in claim 16, wherein the secondary hitch bar is connected in a pivoting manner to the primary hitch bar by an articulation defining the second substantially horizontal pivoting axis directed in a direction of travel.

Claim 19 (New): An agricultural machine as claimed in claim 16, further comprising a connection and transmission device configured to connect the secondary hitch bar to the primary hitch bar and by which working units of the body are driven from a power take-off of the tractor vehicle.

Claim 20 (New): An agricultural machine as claimed in claim 19, wherein the connection and transmission device comprises:

a first gearbox rigidly connected to a front portion of the primary hitch bar; and
a second gearbox connected in a pivoting manner to the first gearbox by an articulation defining the first pivoting axis directed upward,

wherein said secondary hitch bar is connected in a pivoting manner to the second gearbox by an articulation defining the second substantially horizontal pivoting axis directed in a direction of travel.

Claim 21 (New): An agricultural machine as claimed in claim 16, wherein:
the support spindle is rigidly connected to the adapter,

the at least one jaw is rigidly connected to the secondary hitch bar, and
the opening widens out downward.

Claim 22 (New): An agricultural machine as claimed in claim 21, wherein the at least one jaw is connected in a manner adjustable in height relative to the secondary hitch bar.

Claim 23 (New): An agricultural machine as claimed in claim 21, comprising two jaws arranged symmetrically on either side of a vertical mid-plane of the secondary hitch bar.

Claim 24 (New): An agricultural machine as claimed in claim 23, wherein the support spindle comprises a cylinder and at least one centering element centered on the cylinder, the centering element having a frustoconical shape whose vertex is oriented toward one end of the cylinder.

Claim 25 (New): An agricultural machine as claimed in claim 24, wherein the support spindle comprises two centering elements, a distance separating outer faces of the two centering elements being substantially equal to a distance separating the two jaws.

Claim 26 (New): An agricultural machine as claimed in claim 25, wherein the adapter comprises an intermediate bar and the centering elements are placed beside on either side of the intermediate bar.

Claim 27 (New): An agricultural machine as claimed in claim 15, wherein during hitching, the support spindle and the at least one jaw constitute an articulation pivoting along the third substantially horizontal pivoting axis directed transversely to the direction of travel.

Claim 28 (New): An agricultural machine as claimed in claim 15, wherein the agricultural machine is a mower.